

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

atent Application

Assistant Commissioner of Patents and Trademarks Washington, D.C. 20231

Re:

Inventor(s):

SEAN M. SEUTTER; MICHAEL X. YANG; and MING XI

Title:

FORMATION OF A TANTALUM-NITRIDE LAYER

Transmitted herewith is the patent application identified above, including:

X	Specification,	claims and	abstract,	totaling	23	pages
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- X Drawings totaling 6 pages, Formal X Informal.
- Executed Declaration and Power of Attorney. X
- Information Disclosure Statement w/ Form 1449 and References.
- X Assignment of the invention to Applied Materials, Inc.

Assignment Recordation Cover Sheet

FEE CALCULATION										
Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total					
Total Claims	50	-20=	30	x \$18.00	540.00					
Independent Claims	12	-3=	9	x \$80.00	720.00					
Basic Filing Fee \$710.00										
72 7141										
TOTAL FEES										

- The Commissioner is hereby authorized to charge \$1,970.00 to Deposit Account No. 50-1074/5192/ISM/CORE MCVD/SB. X
- X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074/5192/ISM/CORE MCVD/SB. A duplicate copy of this transmittal is enclosed.

Please address all future correspondence to: X

PATENT COUNSEL APPLIED MATERIALS, INC. **Legal Affairs Department** P.O.BOX 450A

Santa Clara, CA. 95052

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an Respectfully submitted

envelope addressed to Commissioner of Patents and Trademarks, Washington, D C 20231

Express Mail Receipt No

Robert W. Mulcahy Registration No. 25,436

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